AP10 Rec'd PCT/PTO 2.0 DEC 2005
PTC-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)			ATTORNEY'S DOCKET NUMBER CMIP003NAT					
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPUCATION NO./(If known see 37 CFR 1.5)						
	TIONAL APPLICATION NO. TUS04/21,307	international filing date July 1, 2004	PRIORITY DATE CLAIMED July 1, 2003					
TITLE OF	Use of Machine Learning for Classification of Magneto Cardiograms							
APPLICAN	APPLICANT(S) FOR DO/EO/US Sternickel et al.							
Applicant	herewith submits to the United Sta	ates Designated/Elected Office (DO/EC	O/US) the following items and other information:					
1. X	1. X This is a FIRS T submission of items concerning a submission under 35 U.S.C. 371.							
2. 🔲 1	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4. X	The US has been elected (Article 31).							
5. X	A copy of the International Application	as filed (35 U.S.C. 371(c)(2))						
	a. is attached hereto (required only if not communicated by the International Bureau).							
	b. has been communicated by the International Bureau.							
	c. X is not required, as the application was filed in the United States Receiving Office (RO/US).							
6. X	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
	a. \square is attached hereto. c. \square is not required, as the application was filed in English.							
	b. has been previously submitted under 35 U.S.C. 154(d)(4).							
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).							
	b. have been communicated by the International Bureau.							
	c. have not been made; however, the time limit for making such amendments has NOT expired.							
	d. X have not been made and v	vill not be made.						
8. 🔲	An English language translation of th	e amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371(c)(3)).					
9. X	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	xamination Report under PCT					
Items	11 to 20 below concern document(s) or information included:						
11. X	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98. Fourteer	n (14) U.S. Patent References					
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. *Assignment already recorded at reel/frame 015025/0685 A preliminary amendment.							
13. 🔲								
14. X	An Application Data Sheet under 37 (CFR 1.76.						
15.	A substitute specification.							
16. X	A power of attorney and/or change of	address letter. with statement und	ler 37 C.F.R. 3.73(b)					
17. 🔲	A computer-readable form of the sequ	uence listing in accordance with PCT Rule 1	3ter.2 and 37 CFR 1.821- 1.825.					
18. 🔲	A second copy of the published Intern	national Application under 35 U.S.C. 154(d)((4).					
19. 🔲	A second copy of the English language	ge translation of the international application	under 35 U.S.C. 154(d)(4).					

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/561285 INTERNATIONAL APPLICATION N PCT/US04/21,307				ATTORNEY'S DOCKET NUMBER CMIP003NAT				
20. Other items or information: Cover letter with certificate of mailing, return postcard, credit card payment form								
The following fees have been submitted					CALCULATIONS	PTO USE ONLY		
21. X Basic national fee (37 CFR 1.492(a))			\$ 300					
22. X Exan	nination fee (37 Cl	FR 1.492(c))						
by IPEA	nion prepared by IS (US indicates all cl ns	\$ 0						
If the written opin IPEA/US Search fee (37 C International Sea previously	rch fee (37 CFR 1 nion of the ISA/US indicates all claim FR 1.445(a)(2)) honal Searching Au nrch Report prepar y communicated to	\$ O						
	TOTAL OF 21, 22				\$300			
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets	ra Sheets Number of each additional 50 or fraction RATE thereof (round up to a whole number)		RATE				
- 100 =	/50 =			x \$250	\$			
Surcharge of \$13 after the date of	30.00 for furnishing commencement of	\$						
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	-		
Total claims		74 - 20 =	54	x \$ 50	\$ 2700			
Independent clai	ms	2 - 3 =	0	x \$200	\$ 0			
MULTIPLE DEP	ENDENT CLAIM(S	+ \$360	\$					
		\$ 3000						
Applicant cla	ims small entity st	atus. See 37 CFI	R 1.27. Fees above are reduc-	ed by 1/2.				
		\$ 1500						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$			
TOTAL NATIONAL FEE =					\$ 1500			
	the enclosed ass cover sheet (37	\$						
		\$ 1500						
					Amount to be refunded:	\$		
					Amount to be charged	\$ 1500		



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		IAP20		20 DEC 2005			
a. [_]	A check in the amount of S	_ to cover the above f	ees is enclosed.				
ь. Ш	Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the abo	ve fees.			
c.	The Commissioner is hereby authorized to charge any Account No A duplicate copy of this sh	additional fees which eet is enclosed.	may be required, or credit any	overpayment to Deposit			
d. X	Fees are to be charged to a credit card. WARNING: In be included on this form. Provide credit card information	formation on this form	may become public. Credit con PTO-2038.	ard information should not			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
]	ALL CORRESPONDENCE TO: Jay R. Yablon Law Office of Jay R. Yablon 910 Northumberland Drive Schenectady, New York 12309-2814		SIGNATURE Say R. Yablon NAME 30604 REGISTRATION NUMBER	Ken			

LAW OFFICE OF JAY R. YABLON

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JAY R. YABLON

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December 20, 2005

Mail Stop PCT, Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RE: PCT/US04/21,307, US ENTRY UNDER 35 U.S.C. 371

FILED: JULY 1, 2004; PRIORITY: JULY 1, 2003

INVENTOR: STERNICKEL ET AL.

TITLE: USE OF MACHINE LEARNING FOR CLASSIFICATION OF MAGNETO CARDIOGRAMS

ATTORNEY DOCKET: CMIP003NAT

Dear Sirs:

Please find enclosed the following materials for 371 entry of the above-referenced application:

- Transmittal letter concerning a filing under 35 U.S.C. 371 (3 sheets).
- Declaration (1 page), application data sheet (5 pages), power of attorney (1 page), statement under 37 C.F.R. 3.73(b) (1 page).
- Information disclosure forms (3 sheets containing 14 US Patent References).
- Credit Card Payment Form for \$1500, for application filing fees.

The drawings filed in the international parent case PCT/US04/02663 are to be regarded as FORMAL drawings. This is to assert that applicant qualifies for small entity status under 37 CFR 1.9 and 37 CFR 1.27. Please note that the assignment of this application to CardioMag Imaging, Inc. is recorded at Reel / Frame 015025/0685.

Please note that all claims as filed, without amendment, were found to meet the requirements of Article 33(1) PCT.

Very truly yours,

Jay R. Yablon Reg. # 30604

CERTIFICATION OF EXPRESS MAIL UNDER 37 C.F.R. 1.10

"Express Mail" Mailing Label No. ER175492876US

Date of Deposit: <u>December 20, 2005</u> I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above, and is addressed to: Mail Stop PCT; Commissioner for Patents; P.O. Box 1450; Alexandria, VA 22313-1450.

Name of Person Mailing Paper: Jay R. Yablon